

FIGURE 1

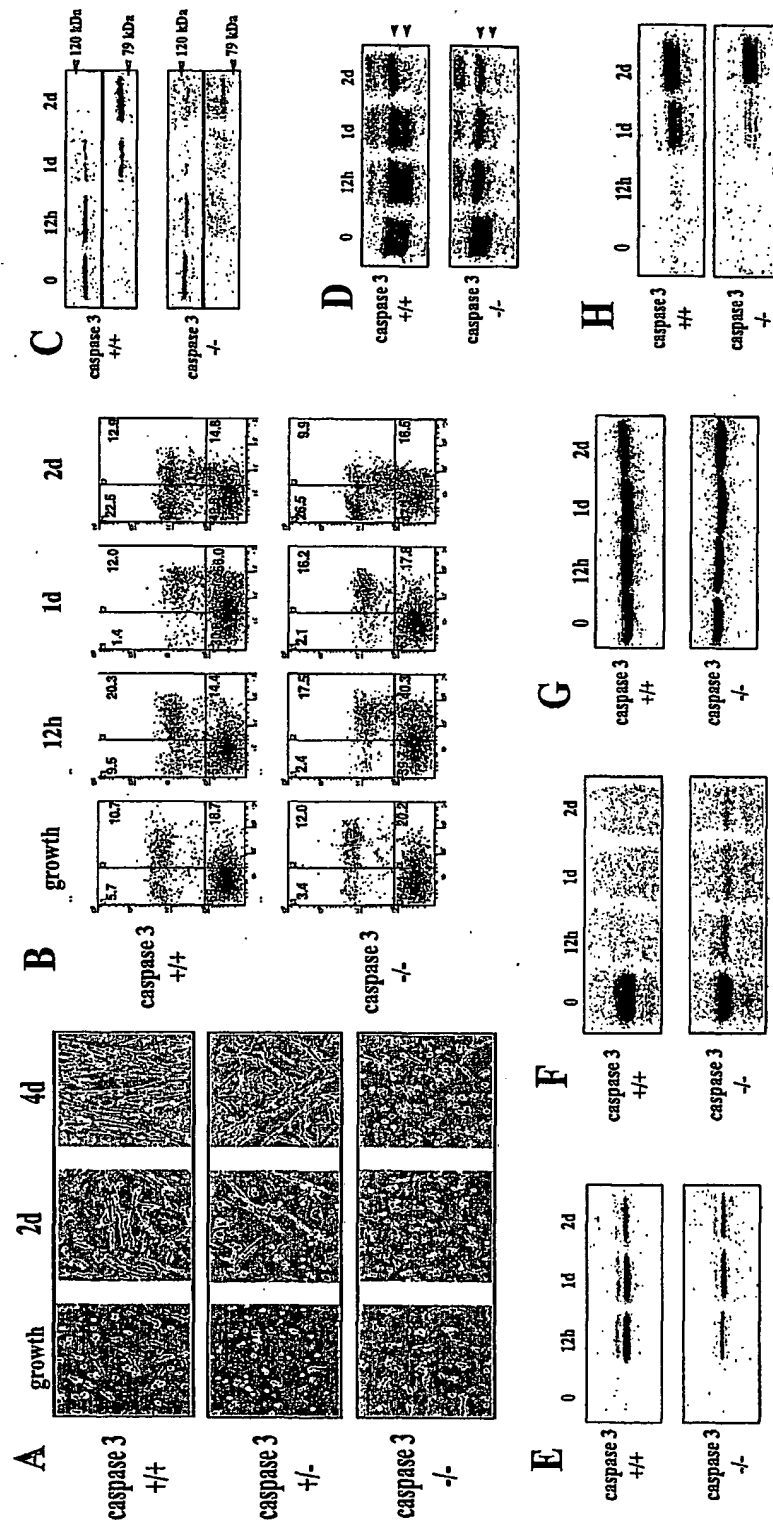


FIGURE 2

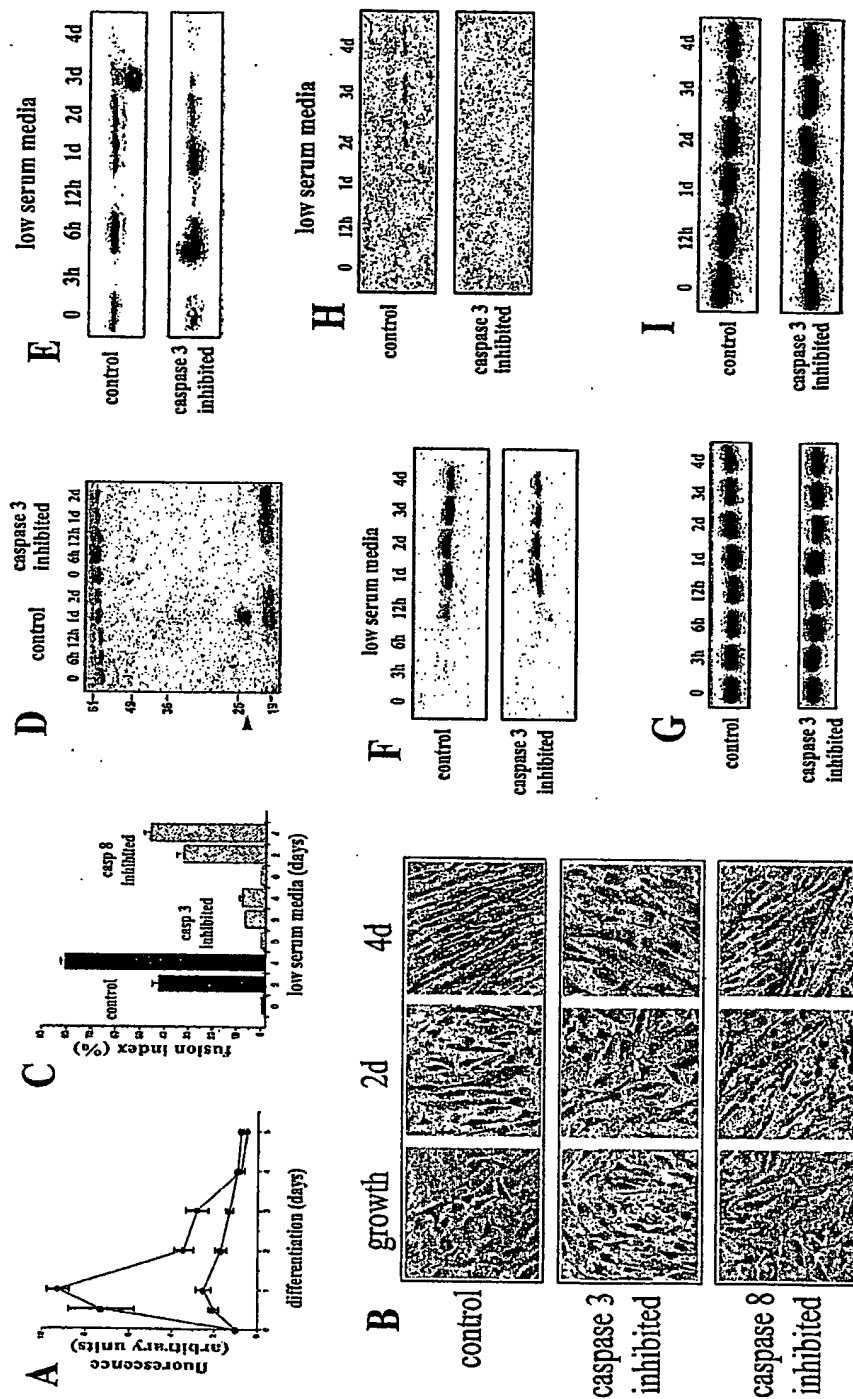


FIGURE 3

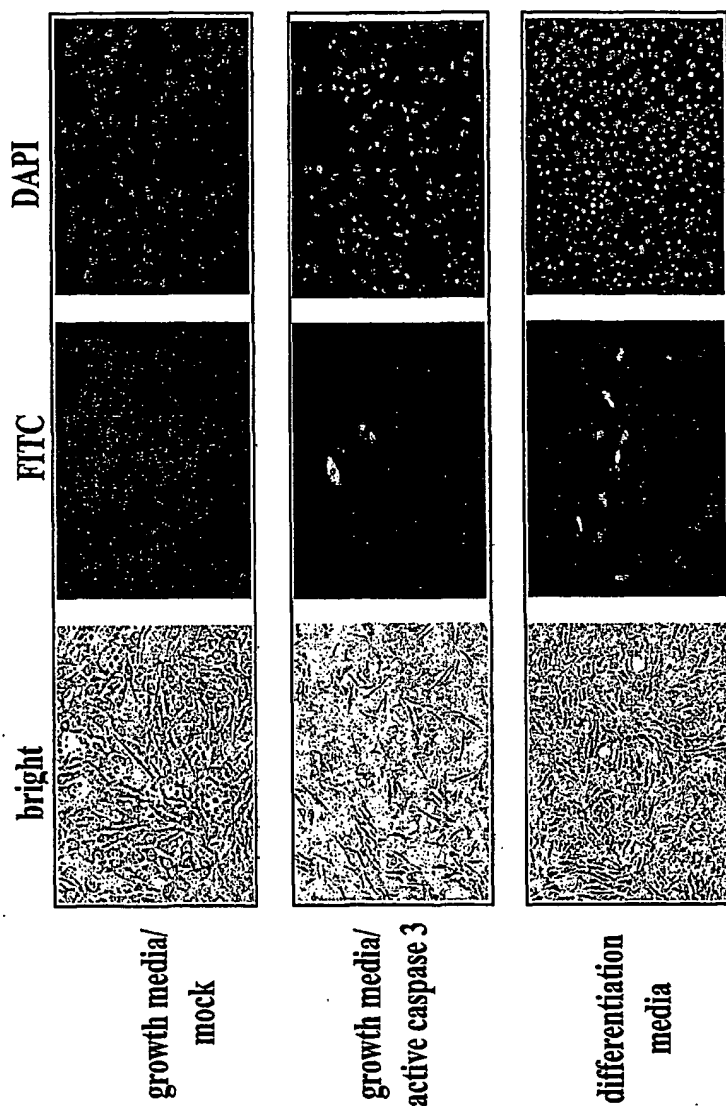


FIGURE 4

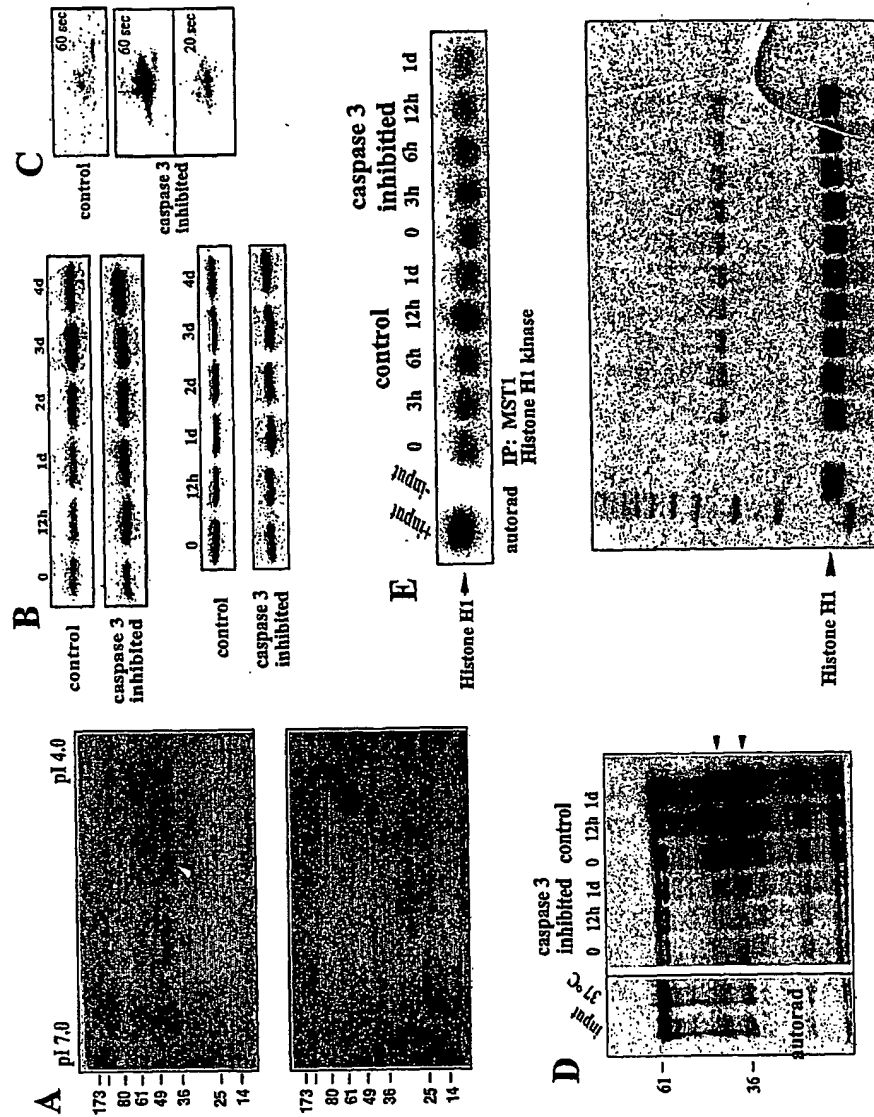


FIGURE 5

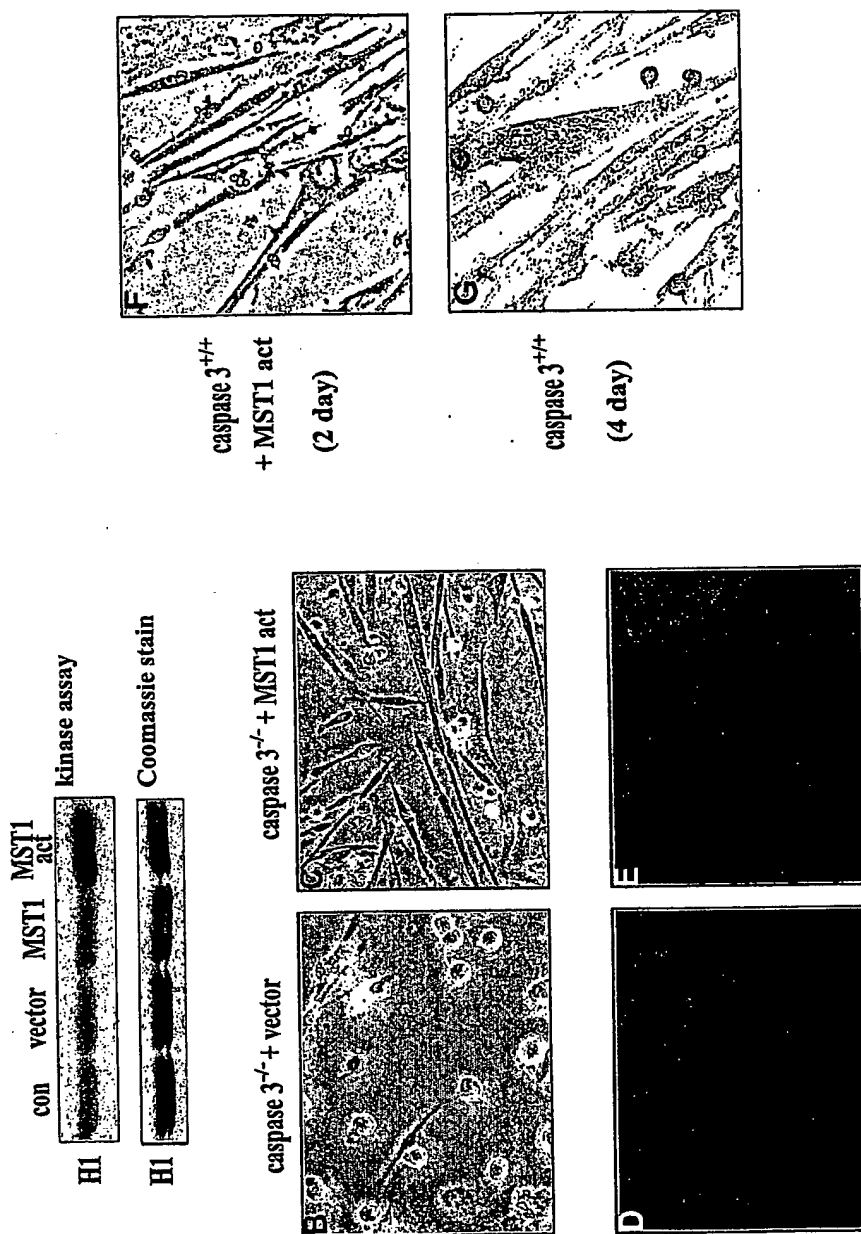


FIGURE 6

1 atggagaaca ctgaaaactc agtggattca aaatccatta aaaatttga accaaagatc
61 atacatggaa gcgaatcaat ggactctgga atatccctgg acaacagtta taaatggat
121 tatcctgaga tgggttatg tataataatt aataataaga atttcataa aagcactgga
181 atgacatctc ggtctggtac agatgtcgat gcagcaaacc tcagggaac attcagaaac
241 ttgaaatatg aagtcaggaa taaaatgat ctacacgtg aagaaattgt ggaattgatg
301 cgtgatgttt ctaaagaaga tcacagcaaa aggagcagtt ttgtttgtgt gcttctgagc
361 catggtgaag aaggaataat ttttgaaca aatggacctg ttgacctgaa aaaaataaca
421 aacttttca gaggggatcg tttagaagt ctaactggaa aacccaaact ttcattatt
481 caggcctgcc gtggtacaga actggactgt ggcattgaga cagacagtgg tgttgatgat
541 gacatggcgt gtcataaaat accagtggag gccgacttct tgtatgcata ctccacagca
601 cctggttatt attcttggcg aaattcaaag gatggctcct ggttcaccca gtcgctttgt
661 gccatgctga aacagtatgc cgacaagctt gaatttatgc acattcttac ccgggtaac
721 cgaaaggtgg caacagaatt tgagtccttt tcccttgacg ctactttca tgcaaagaaa
781 cagattccat gtattgttc catgctcaca aaagaactct attttatca ctaa

FIGURE 7

A.

1 mentensvds ksiknlepki ihgsesmdsg isldnsykmd ypemglcii nknfhkstg
 61 mtsrsgtdvd aanlretfm lkyevrnknd ltreeivelm rdvskedhsk rssfvcvlls
 121 hgeegiifgt ngpvdllkit nffrgdrers ltgkpklfii qacrgtelde gietdsgvdd
 181 dmachkipve adflyaysta pgyyswrnsk dgswfiqslc amlkqyadkl efmhiltrvn
 241 rkvatefesf sfdatfhakk qipcivsmilt kelyfyh

B.

s ksiknlepki ihgsesmdsg isldnsykmd ypemglcii nknfhkstg
 mtsrsgtdvd aanlretfm lkyevrnknd ltreeivelm rdvskedhsk rssfvcvlls
 hgeegiifgt ngpvdllkit nffrgdrers ltgkpklfii qacrgtelde gietdsgvdd
 dmachkipve adflyaysta pgyyswrnsk dgswfiqslc amlkqyadkl efmhiltrvn
 rkvatefesf sfdatfhakk qipcivsmilt kelyfyh

C.

sg isldnsykmd ypemglcii nknfhkstg
 mtsrsgtdvd aanlretfm lkyevrnknd ltreeivelm rdvskedhsk rssfvcvlls
 hgeegiifgt ngpvdllkit nffrgdrers ltgkpklfii qacrgtelde gietdsgvdd
 dmachkipve adflyaysta pgyyswrnsk dgswfiqslc amlkqyadkl efmhiltrvn
 rkvatefesf sfdatfhakk qipcivsmilt kelyfyh

D.

sg isldnsykmd ypemglcii nknfhkstg
 mtsrsgtdvd aanlretfm lkyevrnknd ltreeivelm rdvskedhsk rssfvcvlls
 hgeegiifgt ngpvdllkit nffrgdrers ltgkpklfii qacrgtelde gietd

E.

sgvdd
 dmachkipve adflyaysta pgyyswrnsk dgswfiqslc amlkqyadkl efmhiltrvn
 rkvatefesf sfdatfhakk qipcivsmilt kelyfyh

FIGURE 8

1 ccggctgctggcatcgccatggagacggtacagctgaggaacccgccgcccggcagct
61 gaaaaagtggatgaagatagtttaaccaaacaaccagaagaagtattgatgtcttaga
121 gaaacttgagaagggtcctatggcagcgatatacaagctattcataaagagaccggcca
181 gattgttgctattaagcaagttcctgtggaatcagacctccaggagataatcaagaaat
241 ctctataatgcagcaatgtgacagccctcatgtagtcaaataattatggcagttatttaa
301 gaacacagacttatggatcgttatggagtactgtggggctggttctgtatctgatcat
361 tcgattacgaaataaacgttaacagaagatgaaatagctacaataattacaatcaactt
421 taagggacttgaataccttctttatgagaaaaatacaccgagatatcaaggcaggaaa
481 tattttgctaaatacagaaggacatgcaaaactgcagatttggggtagcaggtcaact
541 tacagataccatggccaagcggatacagtgataggaaacacatttggatggctccaga
601 agtgattcaggaaattggatacaactgtgtagcagacatctggtccctgggaataactgc
661 catagaaatggctgaaggaaagcgcccttatgtgatatccatccaatgagggcaactt
721 catgattcctacaaatcctcctcccacattccgaaaaccagagctatggtcagataactt
781 tacagattttgtgaaacagtgtctgttaaagagccctgagcagagggccacagccactca
841 gctcctgcagcaccatttgtcaggagtgcaaaggagtgtcaatactgcgagacttaat
901 taatgaagccatggatgtgaaactgaaacgccaggaatccagcagcgggaaatggacca
961 ggacgatgaagaaaactcagaaggatgaaatggattctggcacgatggttcgagcagt
1021 gggatgatgatgggcactgtccgagtagccagcaccatgactgatggagccaatactat
1081 gattgagcacgatgacacgttgccatcacaactgggcaccatggtgatcaatgcagagga
1141 tgaggaagaggaaggaactatgaaaagaagggatgagacatgcagcctgcgaaaccatc
1201 ctttctgaatattttgaacaaaaagaaaaggaaaaccagatcaacagctttggcaagag
1261 tgtacctggtccactgaaaaattcttcagattgaaaataccacaggatggagactacga

FIGURE 8 cont'd

1321 gtttcttaagagttggacagtggaggaccttcagaagaggctcttggccctggaccccat
1381 gatggagcaggagattgaagagatccggcagaagtaccagtccaagcggcagcccatcct
1441 ggatgcatagaggctaagaagagacggcaacaaaacttctgagcaaggccaggctgtga
1501 gggccccagctccaccagggcttgggtgaattctggatggcttgcctcatgtttgtagc
1561 cagcaccttctgctctgtctctccacagcaccttctgaactcaggaatgtgcgcca
1621 gtgggaagggtctcttgacagtcagcgtgccatcttgatgtgtatgtacattggtca
1681 ggtatattatctcaaaggatttatattgggcgacttttaactcagagttttaacccag
1741 gaacagagactcctagttgagtgatagctgggaaagttttacattgtctgttttctct
1801 cccaatagcttcaattgttcttctggaagacttttaaaaaatataaatatgcatata
1861 tatatataaattataaatagattccccacgcaggttggtggcatctctgt

FIGURE 9

1 metvqlmpp rrqlkklded sltkqpeevf dvleklgegs ygsvykaihk etgqivaikq
61 vpvesdlqei ikeisimqqc dsphvvkyyg syfkntdlwi vmeycgagsv sdiirlmkt
121 ltedeiatil qstlkgleyl hfmrkihrdi kagnillnte ghakladfgv agqltdtmak
181 mntvigtpfw mapeviqueig yncvadiwsl gitaiemaeg krpyadihpm raifmipnnp
241 pptfrkpelw sdnftdfvkq clvkspeqra tatqllqhpv vrsakgvsil rdlineamdv
301 klkrqesqqr emdqddeens eedemdsgtm vrvagdemgt vrvastmtgd antniehddt
361 lpsqlgtmvi naedeeegt mkrrdetmqp akpsfleyfe qkekenqins fgksvpgplk
421 nssdwkipqd gdyeflkswt vedlqkrlla ldpmmeyeie eirkyqskr qpildaieak
481 krrqqnf

FIGURE 10A

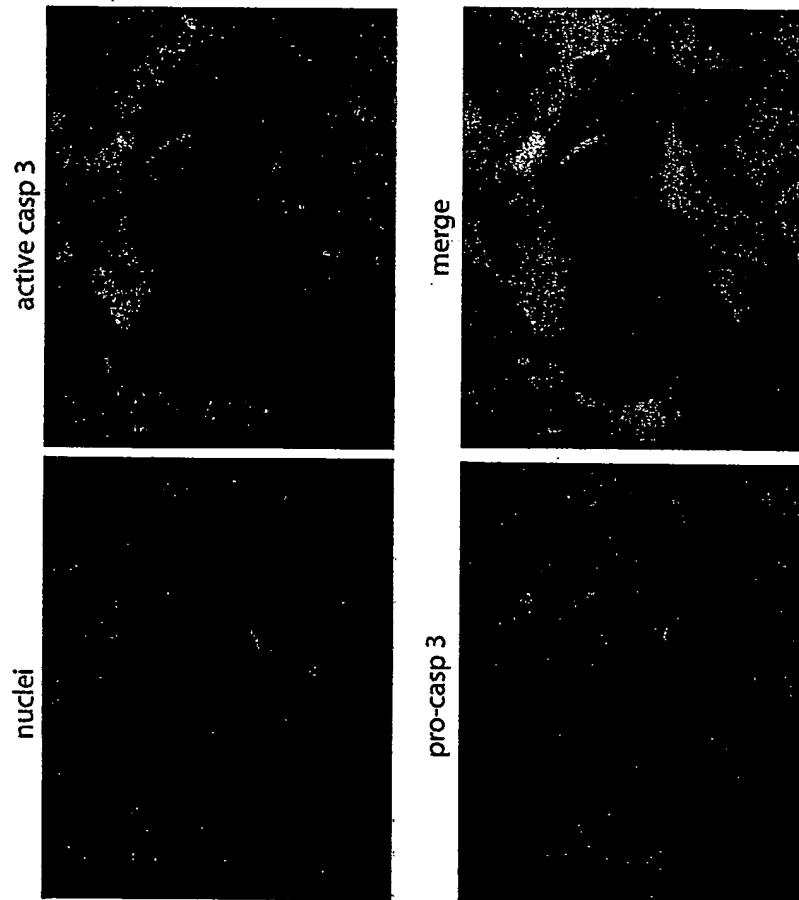


FIGURE 10B

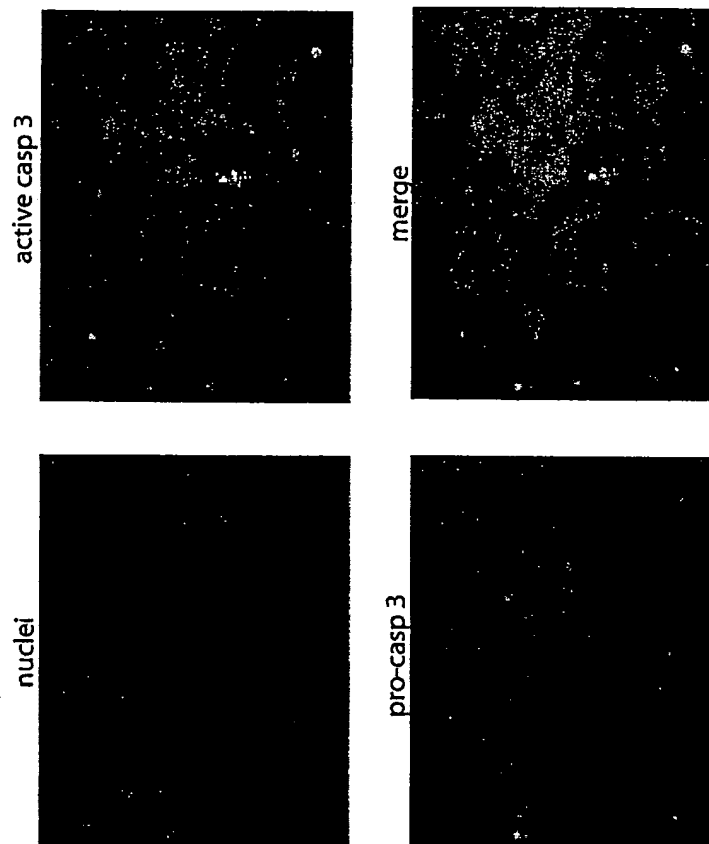


FIGURE 10C

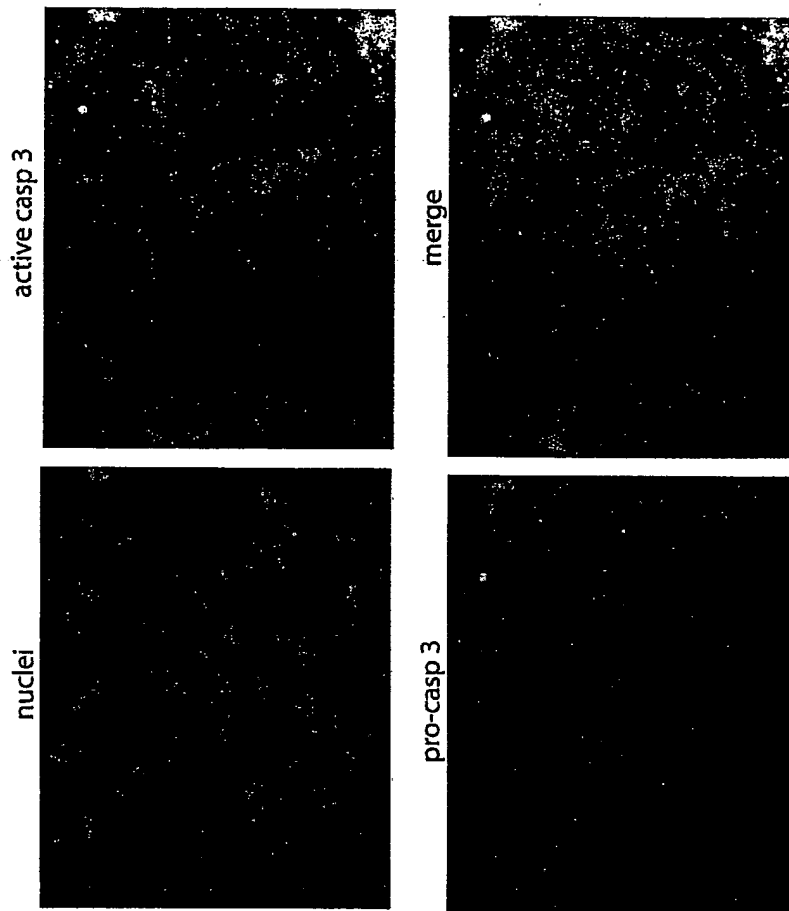


FIGURE 10D

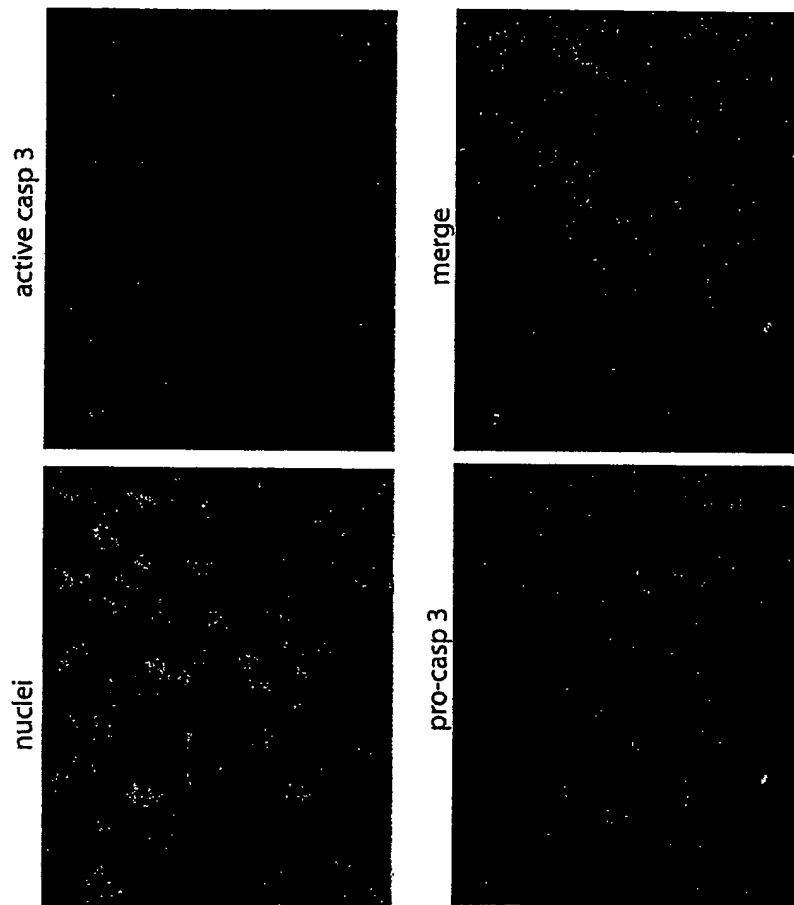


FIGURE 11A

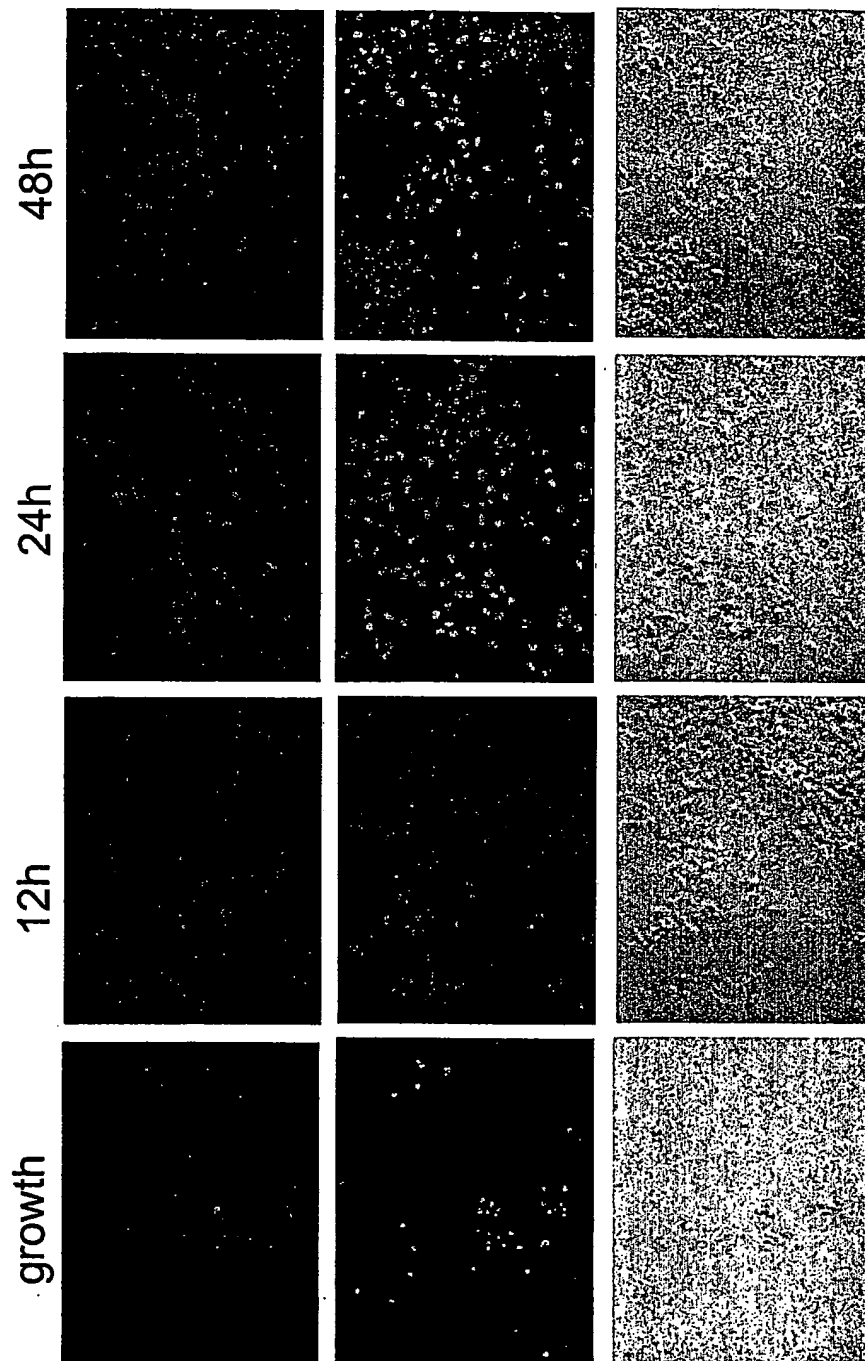


FIGURE 11B

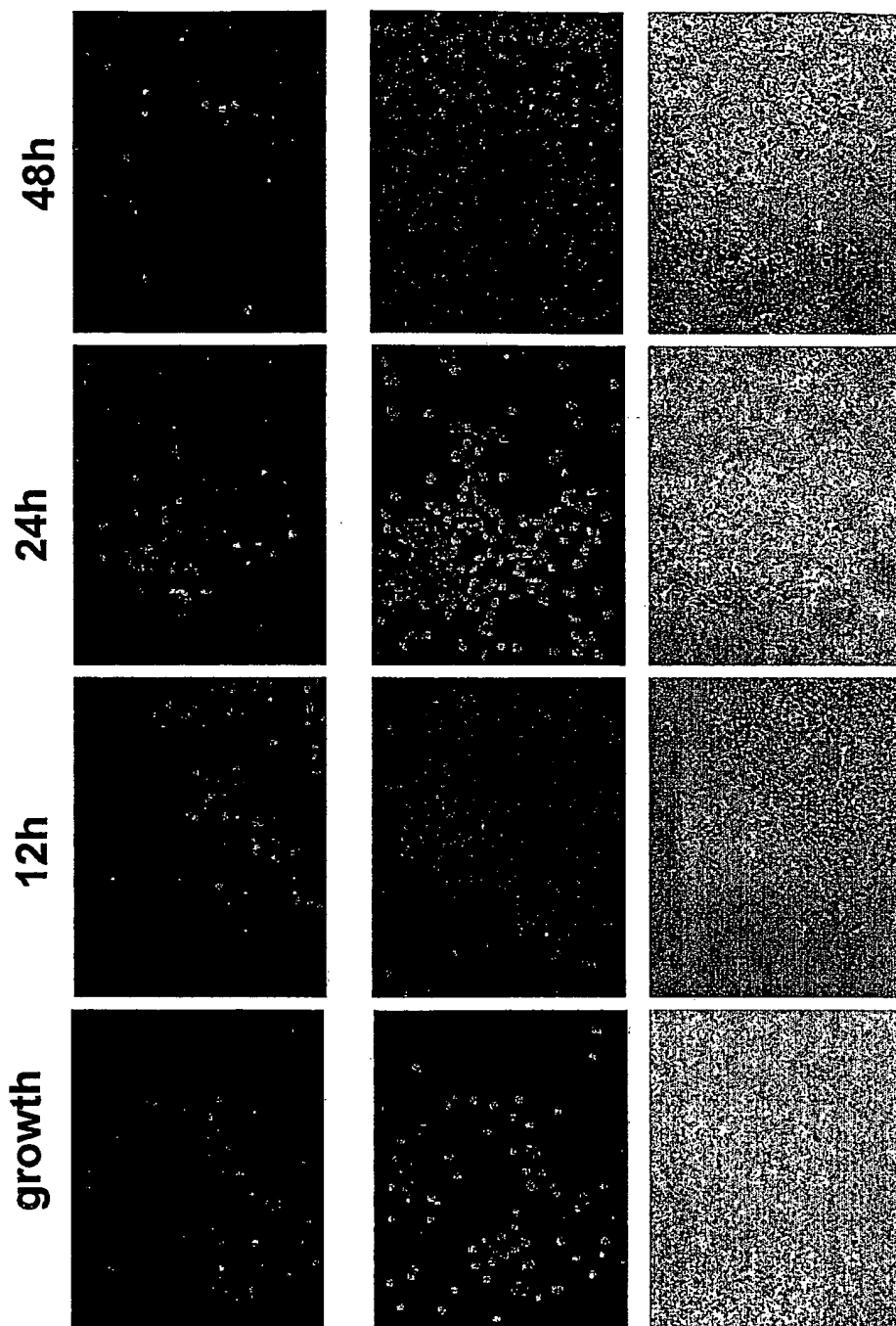


FIGURE 12A

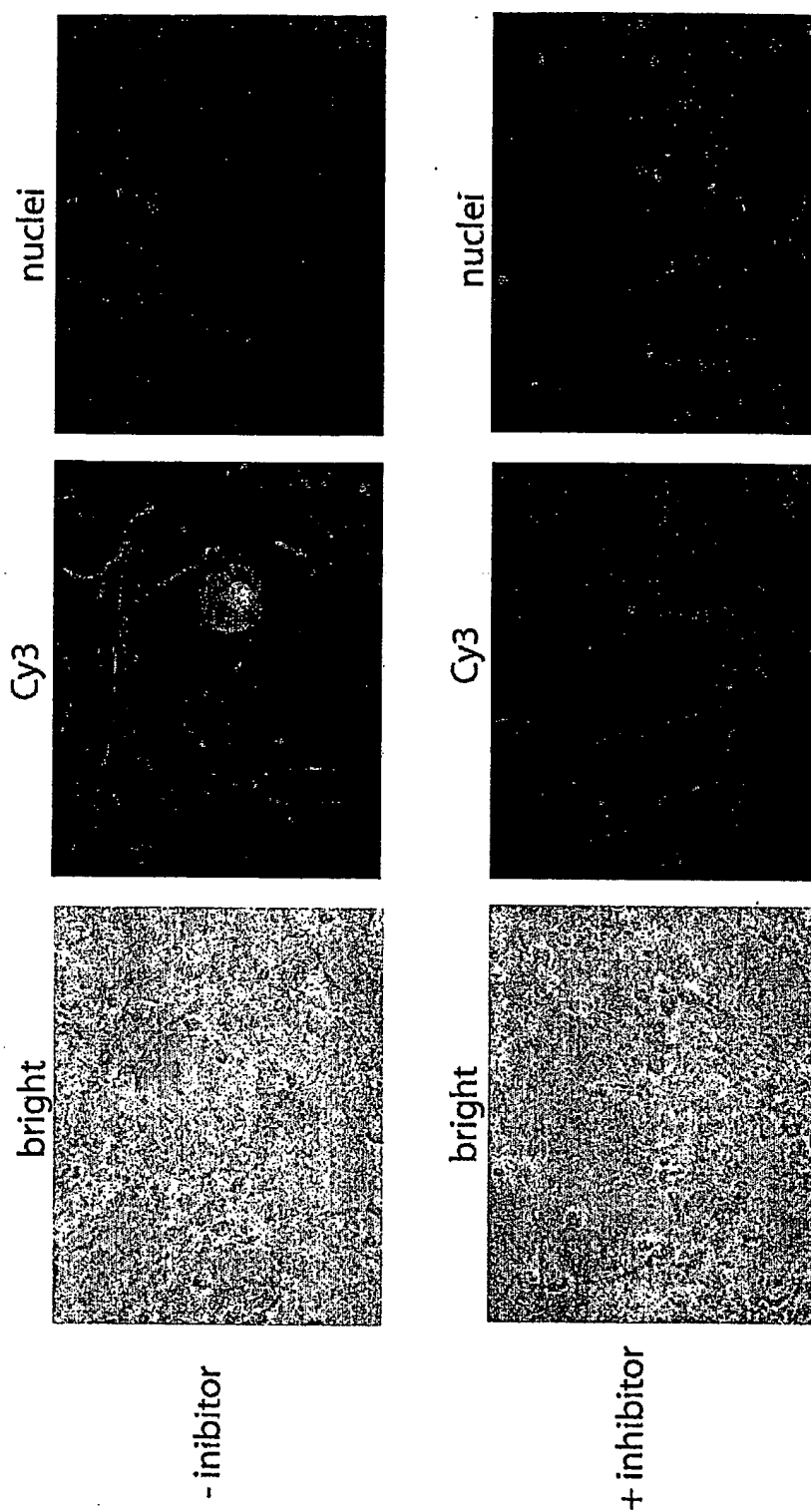


FIGURE 12B

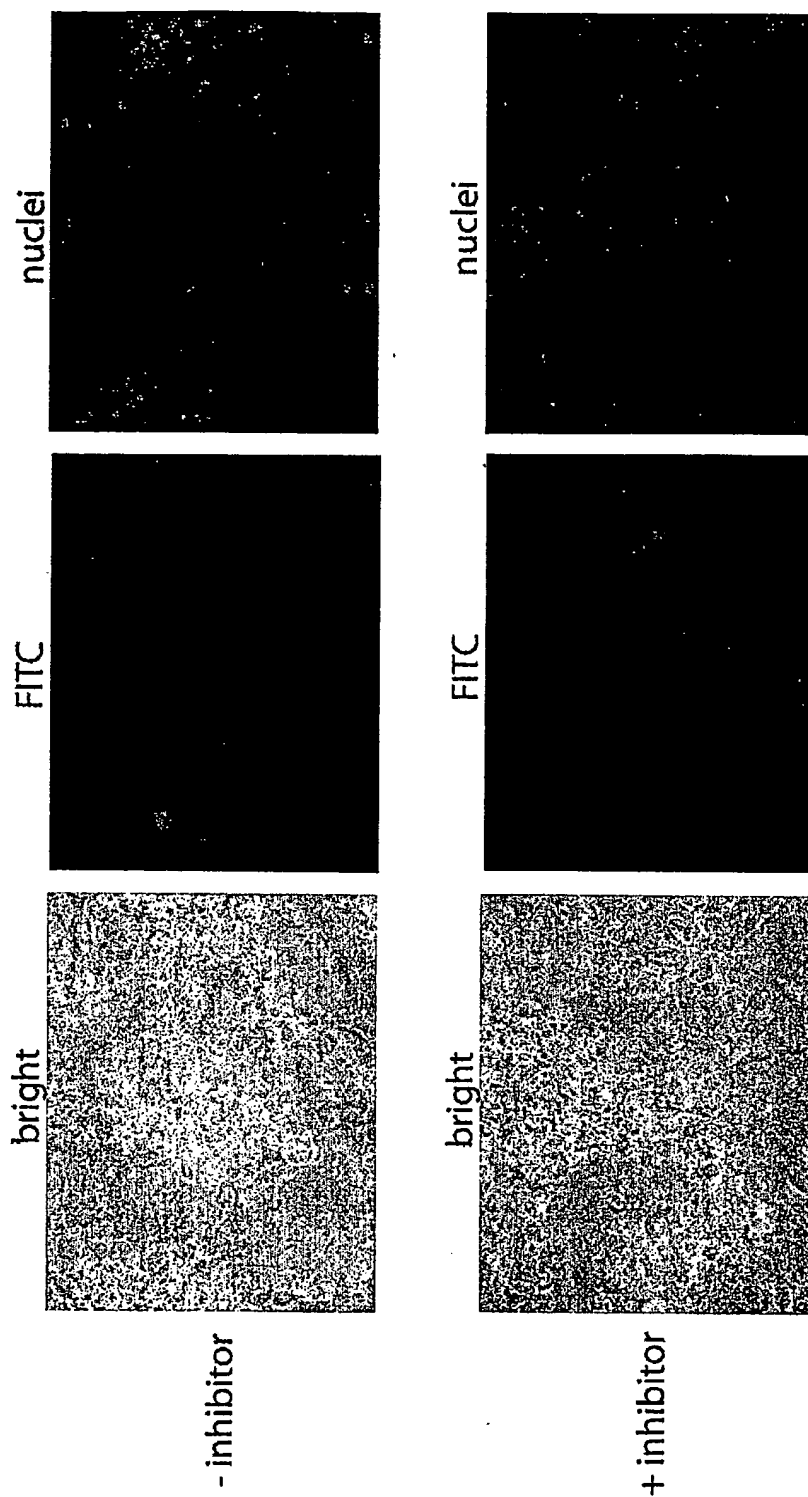


FIGURE 12C

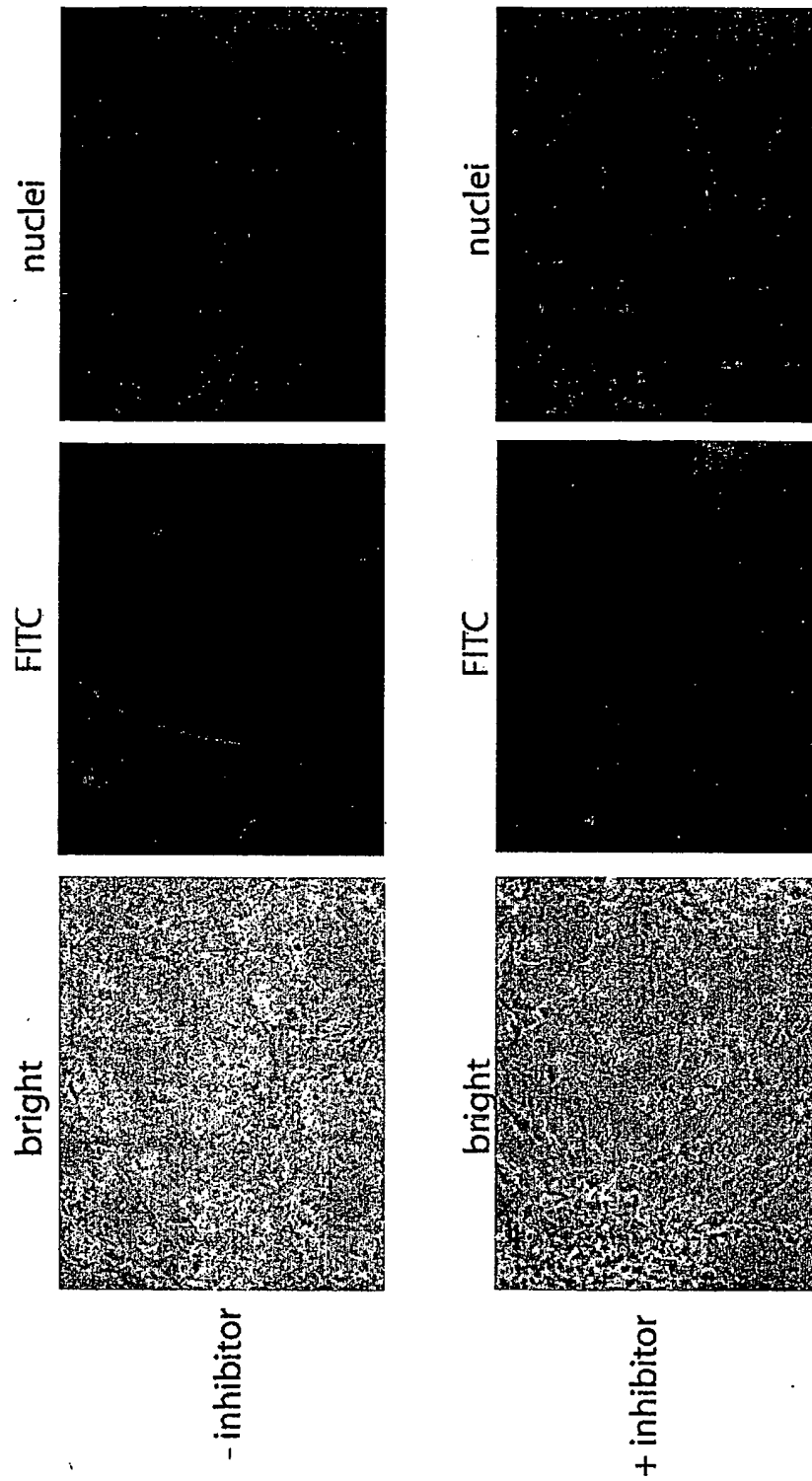


FIGURE 13A

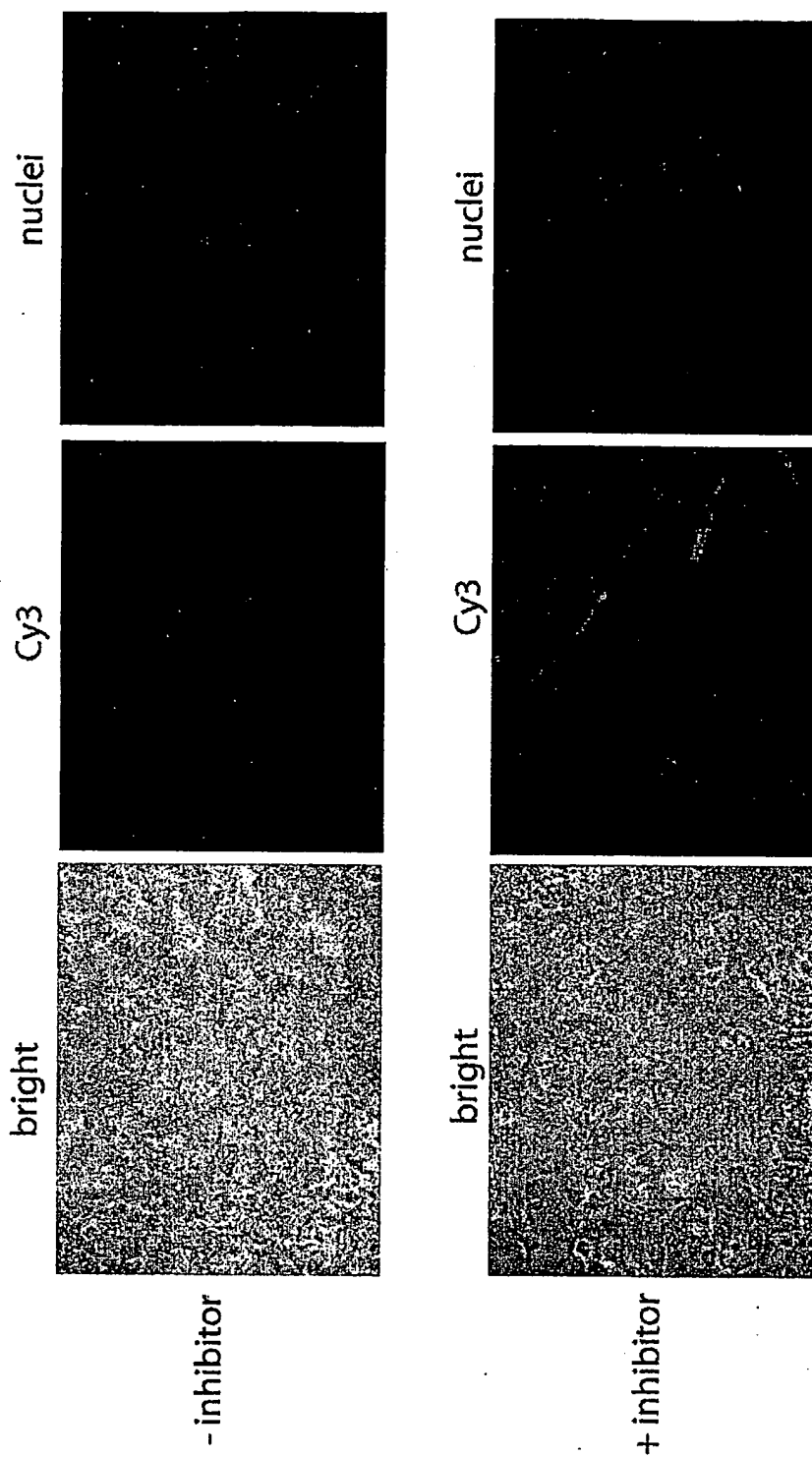
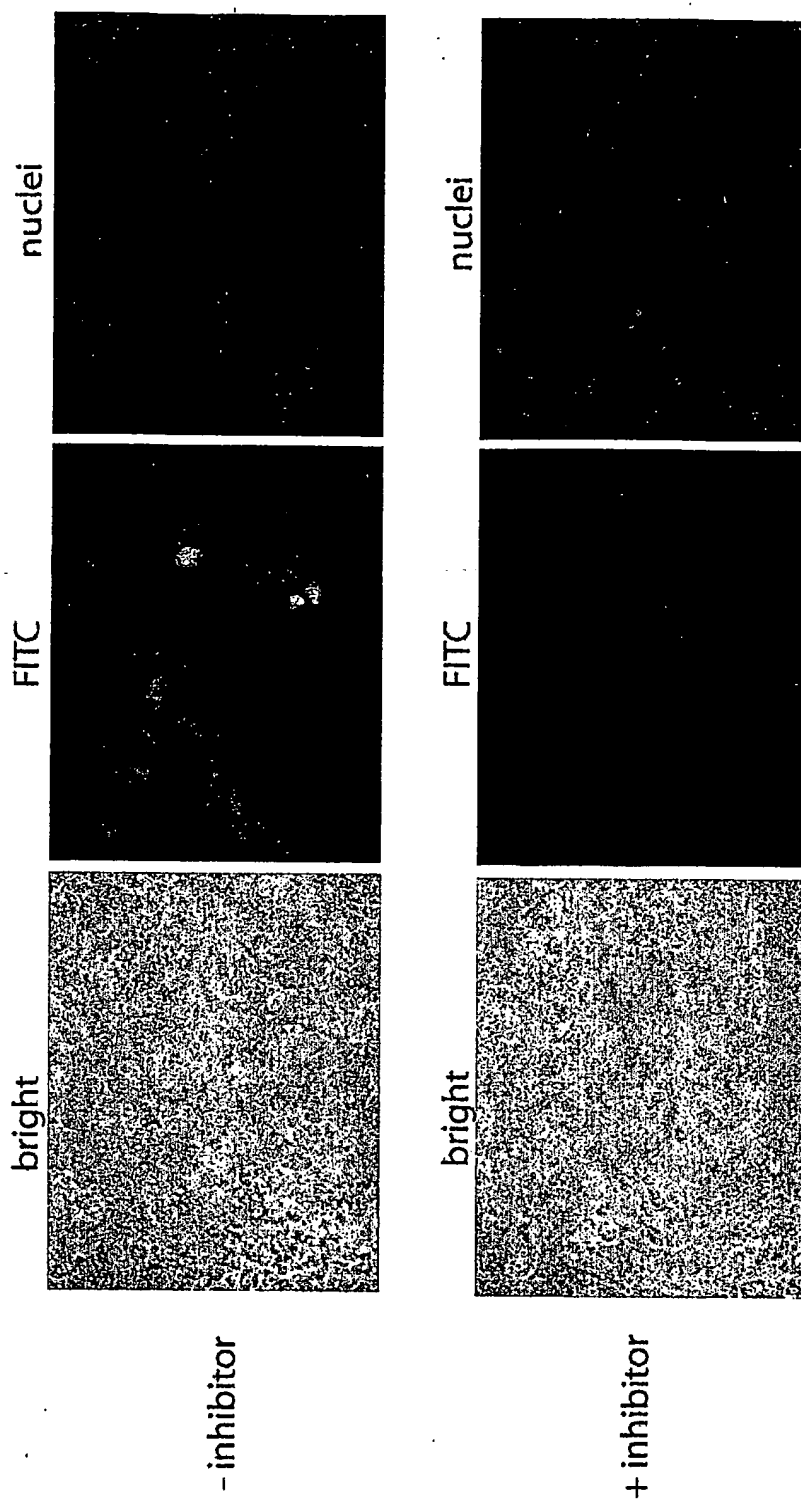


FIGURE 13B



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